## Message Text

SECRET

PAGE 01 GENEVA 11788 01 OF 02 021230Z ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 DODE-00 CIAE-00 INRE-00 DOEE-00 /026 W

-----045623 021300Z /45

O 021219Z AUG 78 FM USMISSION GENEVA TO SECSTATE WASHDC IMMEDIATE 2762 INFO AMEMBASSY LONDON PRIORITY AMEMBASSY MOSCOW PRIORITY

S E C R E T SECTION 01 OF 02 GENEVA 11788

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PASS TO DOE

E.O.11652:XGDS-3
TAGS: PARM US UK UR
SUBJECT: CTB NEGOTIATIONS: SOVIET TEXT OF ARTICLE OF
AGREEMENT AND ARTICLE OF TECHNICAL ANNEX PERTAINING TO NSS

CTB MESSAGE NO.282

- 1. FOLLOWING IS TEXT OF SOVIET PROPOSAL REGARDING NATIONAL SEISMIC STATIONS, WHICH WAS DISTRIBUTED IN NSS WORKING GROUP MEETING AUGUST 1 (CTB MESSAGE 281):
- 2. BEGIN TEXT: ARTICLE I 1. ALONG WITH PARTICIPATING IN THE INTERNATIONAL EXCHANGE OF SEISMIC DATA, THE PARTIES AGREE TO CARRY OUT AMONG THEMSELVES AN EXCHANGE OF ADDITIONAL SEISMIC DATA, USING FOR THAT PURPOSE NATIONAL SEISMIC STATIONS DESIGNATED BY THE PARTIES AND LOCATED NEAR THE POINTS LISTED IN ARTICLE I OF THE TECHNICAL ANNEX TO THIS AGREEMENT. SITES FOR LOCATING SEISMIC STATIONS CAN BE CHANGED BY AGREEMENT AMONG THE PARTIES.

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PAGE 02 GENEVA 11788 01 OF 02 021230Z

- 2. NATIONAL SEISMIC STATIONS USED FOR THE PURPOSES OF THIS AGREEMENT SHALL BE OPERATED BY THE PERSONNEL OF THE PARTY ON WHOSE TERRITORY THEY ARE LOCATED.
- 3. EXCHANGE OF ADDITIONAL SEISMIC DATA SHALL BE IMPLEMENTED ON A STAGE-BY-STAGE BASIS:

(A) DURING THE INITIAL STAGE THE EXCHANGE OF DATA SHALL BE CARRIED OUT IN ACCORDANCE WITH PROCEDURES BEING ESTABLISHED FOR THE INTERNATIONAL EXCHANGE;

- (B) DURING THE SUBSEQUENT STAGE THE EXCHANGE OF DATA SHALL BE CARRIED OUT IN ACCORDANCE WITH PROCEDURES ESTABLISHED FOR THE INITIAL STAGE, IN ADDITION TO WHICH, BY AGREEMENT AMONG THE PARTIES, SEISMIC DATA SHALL BE CONTINUOUSLY RECORDED ON MAGNETIC TAPE AND THE TAPES TRANSFERRED ACCORDING TO AGREED PROCEDURES.
- 4. DURING THE INITIAL STAGE OF THE EXCHANGE, DESIGNAT-ED SEISMIC STATIONS, EQUIPPED AS THEY ARE AT THE BEGINNING OF THE EXCHANGE, SHALL BE USED. DURING THE SUBSEQUENT STAGE, UPGRADED SEISMIC EQUIPMENT WITH AGREED FREQUENCY RANGE, DYNAMIC RANGE, ACCURACY OF TIME REFERENCING OF SEISMIC DATA TO A SYSTEM OF UNIVERSAL TIME, LEVEL OF INTERNAL NOISE, AND AGREED CALIBRATION PROCEDURES, SHALL BE INSTALLED AT THESE STATIONS.
- 5. FOR AUTHENTICATING SEISMIC DATA, THE PARTIES SHALL AGREE TO USE, DURING THE SUBSEQUENT STAGE, A TECHNICAL MONITORING DEVICE WITH AN AGREED METHOD OF AUTHENTICATION, TECHNICAL CHARACTERISTICS, AND ALGORITHM.
- 6. SPECIFIC MEASURES AND TIME SCHEDULES FOR IMPLEMENT-SECRET

**SECRET** 

PAGE 03 GENEVA 11788 01 OF 02 021230Z

ING THE PROVISIONS OF THIS ARTICLE AND ARTICLE I OF THE TECHNICAL ANNEX SHALL BE WORKED OUT BY THE JOINT CONSULTATIVE COMMISSION, TO BE ESTABLISHED IN ACCORDANCE WITH ARTICLE ..... OF THIS AGREEMENT, AND SHALL BECOME EFFECTIVE AS THEY ARE AGREED UPON BY THE COMMISSION.

TECHNICAL ANNEX - ARTICLE I - 1. FOR THE PURPOSE OF EXCHANGING SEISMIC DATA, THE PARTIES TO THE AGREEMENT SHALL DESIGNATE, ON THE TERRITORIES UNDER THEIR JURISDICTION OR CONTROL, NATIONAL SEISMIC STATIONS LOCATED IN AREAS WITH CENTERS HAVING THE FOLLOWING COORDINATES:

- A) UNITED STATES OF AMERICA
  - .....
- B) UNION OF SOVIET SOCIALIST REPUBLICS
  - .....
- C) UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

.....

2. A PARTY WHICH HAS DESIGNATED SEISMIC STATIONS SHALL,

PRIOR TO THE BEGINNING OF THE SEISMIC DATA EXCHANGE, PROVIDE THE OTHER PARTY WITH THE COORDINATES OF EACH STATION AND WITH DATA ON SEISMIC NOISE AT THE STATION SITES. MEASUREMENT OF SEISMIC NOISE AT NATIONAL SEISMIC STATION SITES SHALL BE CARRIED OUT BY THE PARTY ON WHOSE TERRITORY THE STATIONS ARE LOCATED, ACCORDING TO AGREED METHODS.

3. IF DURING THE INITIAL STAGE IT IS FOUND THAT THE NOISE LEVEL AT THE DESIGNATED STATION EXCEEDS THE NOISE

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PAGE 01 GENEVA 11788 02 OF 02 021230Z ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 DODE-00 CIAE-00 INRE-00 DOEE-00 /026 W

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O 021219Z AUG 78 FM USMISSION GENEVA TO SECSTATE WASHDC IMMEDIATE 2763 INFO AMEMBASSY LONDON PRIORITY AMEMBASSY MOSCOW PRIORITY

S E C R E T SECTION 02 OF 02 GENEVA 11788

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LEVEL ASSUMED ON THE BASIS OF DATA FURNISHED BY THE PARTY WHICH OWNS THE STATION, THE STATION SHALL BE LOCATED OR RELOCATED IN ORDER TO IMPLEMENT THE EXCHANGE OF ADDITIONAL DATA DURING THE SUBSEQUENT STAGE, IN ACCORDANCE WITH THE FOLLOWING PROCEDURES. THE PARTIES SHALL CONSULT IN THE JOINT CONSULTATIVE COMMISSION IN ORDER TO DETERMINE SEVERAL SITES WITHIN THE STATION AREA, WHICH COULD BE SEISMICALLY AND GEOLOGICALLY APPROPRIATE. THE PARTY ON WHOSE TERRITORY THE STATION WILL BE LOCATED SHALL THEN STUDY THE SEISMIC NOISE LEVEL AT THESE SITES, USING AGREED PROCEDURES AND ACCORDING TO AGREED METHODS. THE PARTIES SHALL AGREE TO LOCATE THE STATION AT THE SITE MOST APPROPRIATE AMONG THOSE STUDIED. END TEXT. JOHNSON

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## Message Attributes

Automatic Decaptioning: Z Capture Date: 01 jan 1994 Channel Indicators: n/a

**Current Classification: UNCLASSIFIED** 

Concepts: TEXT, AGREEMENTS, SEISMOLOGY, NEGOTIATIONS

Control Number: n/a Copy: SINGLE
Draft Date: 02 aug 1978
Decaption Date: 20 Mar 2014
Decaption Note: 25 YEAR REVIEW Disposition Action: RELEASED Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW

Disposition Date: 20 Mar 2014 Disposition Event:

Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978GENEVA11788
Document Source: CORE
Document Unique ID: 00

Drafter: n/a

Enclosure: n/a **Executive Order:** X3 Errors: N/A

**Expiration:** Film Number: D780316-0206 Format: TEL

From: GENEVA **Handling Restrictions:** 

Image Path: ISecure: 1

Legacy Key: link1978/newtext/t197808109/aaaadnbr.tel Line Count: 166

Litigation Code IDs: Litigation Codes:

Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 7a148b58-c288-dd11-92da-001cc4696bcc

Office: ACTION SS

Original Classification: SECRET
Original Handling Restrictions: EXDIS
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a

Page Count: 4
Previous Channel Indicators: n/a Previous Classification: SECRET
Previous Handling Restrictions: EXDIS

Reference: n/a Retention: 0

Review Action: RELEASED, APPROVED Review Content Flags:

Review Date: 29 jun 2005 **Review Event:** Review Exemptions: n/a **Review Media Identifier:** Review Release Date: n/a Review Release Event: n/a **Review Transfer Date:** Review Withdrawn Fields: n/a

SAS ID: 1565225 Secure: OPEN Status: NATIVE

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MESSAGE NO.282 TAGS: PARM, US, UK, UR

To: STATE Type: TE

vdkvgwkey: odbc://SAS/SAS.dbo.SAS\_Docs/7a148b58-c288-dd11-92da-001cc4696bcc

**Review Markings:** Sheryl P. Walter Declassified/Released **US** Department of State EO Systematic Review 20 Mar 2014

Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014